In the Claims

1-21 (Canceled)

22. (Previously Presented) An automated method for visually displaying product production information and notifications in real-time comprising:

automatically querying a database for production data for each order scheduled for production that includes a product category of each order, a promised shipping date for each order, a requested shipping date for each order, and an expected sales revenue for each order, by a seller in real-time;

for each order, automatically comparing the promised shipping date and the requested shipping date;

for each order, automatically generating a proactive alert if the promised shipping date is later than the requested shipping date;

automatically determining a shipment quality metric for all orders that have shipped; and

automatically displaying generated proactive alerts, the number of orders for each product category, the expected revenue for each order and the shipment quality metric in a tabular format on a user viewable medium.

23. (Previously Presented) The method of claim 22 wherein the shipment quality metric is calculated by a formula: $Z_{LT} = \min[\frac{USL-\mu}{\sigma}, \frac{\mu-LSL}{\sigma}]$.

24. (Previously Presented) The method of claim 22 further comprising creating a plurality of display forms, wherein each display form depends on a number of days before the product is available.

25. (Previously Presented) The method of claim 22 further comprising:

determining an acceptance range; and

displaying a percentage of times the shipment quality metric is outside the acceptance range.

26. (Previously Presented) A computer-readable medium having stored thereon one or more computer programs that, when executed by one or more computers, causes the one or more computers to:

query a database for production data for each order scheduled for production that includes a product category of each order, a promised shipping date for each order, a requested shipping date for each order, and a revenue for each order, by a seller in real-time;

create a sum of orders for all orders in a determined period of time;

create a sum of revenue for the sum of orders;

create a proactive alert if the promised shipping date is later than the requested shipping date for each order;

determine a shipment quality metric for shipped orders; and

display the sum of products in production, the sum of products in production for each product category, the sum of revenue, the proactive alert for each order, and the shipment quality metric in a tabular format on a user viewable medium.

27. (Previously Presented) The computer-readable medium of claim 26 wherein the one or more programs further causes the one or more computers to:

query the database for saleable products in inventory; and

determine a date each saleable product is available for shipment.

28. (Previously Presented) The computer-readable medium of claim 27 wherein the one or more computer programs further causes the one or more computers to:

determine a number of days between a current date and the date each saleable product is available for shipment; and

display a user-defined message for each determined number of days.

29. (Previously Presented) The computer-readable medium of claim 28 wherein a first message is displayed if the number of days before the product is available is greater than a user-defined number and a second message is displayed if the number of days before the product is available is less than a user-defined number.

30. (Previously Presented) The computer-readable medium of claim 26 wherein the shipment quality metric is processed to provide a statistical measure of process capability.

31. (Previously Presented) The computer-readable medium of claim 26 wherein the shipment quality metrics are regularly re-processed.

32. (Previously Presented) The computer-readable medium of claim 26 wherein processing the shipment quality metrics is accomplished by a set of instructions that, when executed by one or more computers, causes the one or more computers to further:

determine a mean of the shipment quality metrics;

determine a standard deviation of the shipment quality metrics;

determine a first result by dividing the difference of the mean and an upper specification limit by the standard deviation;

determine a second result by dividing the difference of the mean and lower specification limit by the standard deviation;

display the minimum of the first result and the second result.

33. (Previously Presented) A computer data signal representing a sequence of instructions that, when executed by one or more processors, cause the one or more processors to:

query and update a database containing product production data;

periodically obtain from the database a product category of each order, a promised shipping date for each order, a requested shipping date for each order, and a projected revenue for each order;

calculate a difference between the promised shipping date and the requested shipping date for each order;

calculate a total revenue for the orders in production for each product category; and

display, in a table, the total revenue and a proactive alert for each difference if the promised shipping date is later than the requested shipping date.

34. (Previously Presented) The computer data signal of claim 33 wherein the one or more processors are further caused to determine a quality metric for each category and display the quality metric in the table.

35. (Previously Presented) The computer data signal of claim 34 wherein the quality metric is a statistical value calculated and displayed is a projected defect in parts per million.

36. (Previously Presented) The computer data signal of claim 33 wherein the one or more processors is caused to obtain data every time information is requested.

37. (Previously Presented) The computer data signal of claim 33 wherein the table that the data is displayed in comprises a plurality of display forms, wherein each display form depends on the number of days before the product is available.

38. (Previously Presented) The method of claim 22 further comprising:

for each order, automatically generating another proactive alert if the request date is within a preset number of days from a current date; and

automatically displaying generated proactive alerts in a tabular format on the user viewable medium.

39. (Previously Presented) The method of claim 38 further comprising automatically generating the another proactive alert if the request date is within two days from the current date.